

DOCKET NO.: CELL-0086

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Porter, J.R., et al.

Application No.: 09/450,999

Filing Date: November 29, 1999

For: β -ALANINE DERIVATIVES

Confirmation No.: 8439

Group Art Unit: 1624

Examiner: Thomas McKenzie

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

- ☒ In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in § 1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

- ☐ In accordance with § 1.129(a), this Information Disclosure Statement is being filed in connection with ☐ the first or ☐ second After Final Submission, therefore:
- ☐ Certification in Accordance with § 1.97(e) is attached; or
- ☐ The fee of \$180.00 as set forth in § 1.17(p) is attached.
- ☐ In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:
- ☐ Certification in Accordance with § 1.97(e) is attached;
- or
- ☐ The fee of \$180.00 as set forth in § 1.17(p) is attached.
- ☐ In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of \$180.00 as set forth in § 1.17(p).
- ☒ Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith.
- ☐ Copies of references listed on the attached Form PTO-1449 are enclosed herewith
- ☐ Copies of references listed on the attached Form PTO 1449 are not required to be submitted pursuant to the June 30, 2003 recent revisions to 37 CFR § 1.98(a)(2)(i).

EXCEPT THAT:

- ☐ In view of the voluminous nature of references [list as appropriate], and the likelihood that these references are available to the Examiner, copies are not enclosed herewith.
- ☐ In accordance with § 1.98(d), copies of the following references listed on the attached Form PTO-1449 are not enclosed herewith because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application(s) for which a claim for priority under 35 U.S.C. § 120 have been made in the instant application:
- ☐ Copies of references [list as appropriate] listed on the attached Form PTO-1449 were previously cited by or submitted to the Patent and Trademark Office in prior Application No. _____, filed _____.

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- ☐ The relevance of those listed references which are not in the English language is as follows:


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☐ There are no listed references which are not in the English language.

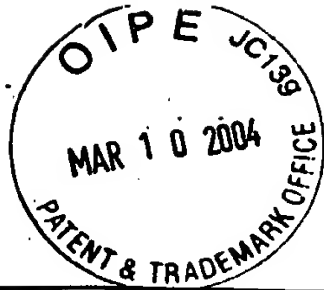
Date: March 9, 2004



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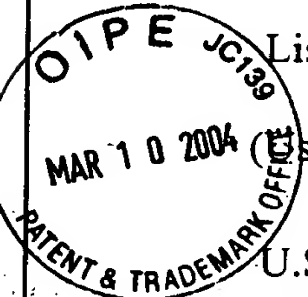
Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Docket No. CELL-0086	Serial No. 09/450,999
		Applicant John Robert Porter, John Clifford Head, Graham John Warrellow, and Sarah Catherine Archibald	
		Filing Date November 29, 1999	Group Not Yet Assigned
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	AA	Abraham, W.M. et al., " α_4 -Integrins Mediate Antigen-Induced Late Bronchial Responses and Prolonged Airway Hyperresponsiveness in Sheep," <i>J. Clin. Invest.</i> , 1994 , 93, 776-787	
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	AD	Berlin, C. et al., " $\alpha_4\beta_7$ Integrin Mediates Lymphocyte Binding to the Mucosal Vascular Addressin MAdCAM-1," <i>Cell</i> , 1993 , 74, 185-195	
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	AK	Ferguson, T.A. et al., "Two integrin-binding peptides abrogate T cell-mediated immune responses <i>in vivo</i> ," <i>Proc. Natl. Acad. Sci. USA</i> , 1991, 88, 8072-8076	
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	AV	Marlin, S.D. et al., "LFA-1 Immunodeficiency Disease," <i>J. Exp. Med.</i> , 1986 , 164, 855-867	
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	AX	Nagasawa, H.T. et al., "β-Substituted Cysteines as Sequestering Agents for Ethanol-Derived Acetaldehyde in Vivo," <i>J. Med. Chem.</i> , 1987 , 30, 1373-1378	
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	AZ	Ohki, S. et al., "Synthesis of quinolizine derivatives. V. Studies on Diastereoisomer of Ethyl 3-Quinolizidinecarboxylate," <i>Chem. Pharm. Bull.</i> , 1959 , 7(6), 708-712	
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	BI	Tsunematsu, H. et al., "Hydrolysis of phenylthiazolones of <i>p</i> -guanidinophenylalanine and arginine by trypsin and related enzymes," <i>J. Biochem.</i> , 1983 , <i>94</i> (4), 1119-1125	
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	BL	Yang, X., "A predominant role of integrin $\alpha 4$ in the spontaneous development of autoimmune diabetes in nonobese diabetic mice," <i>Proc. Natl. Acad. Sci. USA</i> , 1994 , <i>91</i> , 12604-12608	
	BM	Yednock, T.A., "Prevention of experimental autoimmune encephalomyelitis by antibodies against $\alpha 4\beta 1$ integrin," <i>Nature</i> , 1992 , <i>356</i> , 63-66	
	BN	Whitlock, B.J. et al., "Structure and synthesis of lathyrine," <i>J. Org. Chem.</i> , 1965 , <i>30</i> , 115-118	
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	BP	WPI / Derwent No. XP-002076855, Japanese Patent No. JP 56 049 373 A (Dainippon Pharm Co Ltd), May 2, 1981 , DW8125, 1 Page, Abstract Only	
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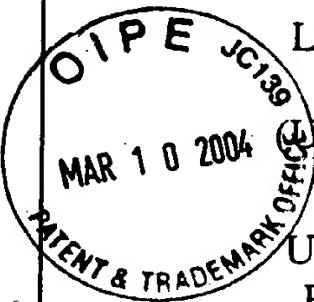
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	CC	0 842 945 A2	05/20/98	EP	X (Abstract Only)
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Examiner Initial	CG	Document No.	Date	Country	Translation YES NO	
	CG	WO 94/29285	12/22/94	PCT	X	
	CH	WO 95/15973	06/15/95	PCT	X	
	CI	WO 94/15955	07/21/94	PCT	X (Abstract Only)	
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	CP	WO 97/31907	09/04/97	PCT	X	
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	CZ	WO 99/06431	02/11/99	PCT	X	
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Examiner Initial		Document No.	Date	Country	Translation		
					YES	NO	
	DA	WO 99/06432	02/11/99	PCT	X		
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	DC	WO 99/06434	02/11/99	PCT	X		
	DD	WO 99/06435	02/11/99	PCT	X		
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